

Table 2. Error Statistics for the Forecasted Annual Growth Rate for the Total US Resident Population: 1947 to 1999.

[In percents. Resident population]

Forecast Periods	Individual Series (by Base Year)																Multiple Series	
	1947	1949	1953	1955	1957	1963	1966	1969	1970	1972	1974	1976	1982	1986	1991	1992	1994	
<b>Five years</b>																		
MPE (%)	(31.17)	(16.51)	(14.09)	(13.58)	0.52	12.93	12.91	(1.07)	13.37	(0.89)	(20.76)	(21.49)	3.88	(8.60)	1.93	7.62	(2.54)	(3.76)
MAPE (%)	31.17	18.52	14.09	13.58	1.98	14.06	12.91	14.16	20.10	4.08	20.76	21.49	3.88	9.88	2.51	7.62	3.30	15.04
MdAPE (%)	30.39	18.05	15.41	13.21	2.65	13.19	6.62	16.66	21.01	3.34	19.86	25.06	3.39	5.43	3.11	9.66	4.16	9.20
RMSE	0.57	0.37	0.28	0.24	0.03	0.18	0.16	0.17	0.22	0.05	0.21	0.25	0.04	0.14	0.03	0.08	0.04	0.30
RMSE Naïve	0.22	0.05	0.11	0.10	0.19	0.30	0.12	0.17	0.21	0.11	0.12	0.12	0.07	0.10	0.10	0.12	0.05	0.18
<b>Ten years</b>																		
MPE (%)	(30.81)	(15.62)	(9.83)	13.53	20.11	29.83	7.14	21.80	3.41	(9.33)	(8.66)	(5.05)	(17.53)					9.36
MAPE (%)	31.81	15.62	11.49	14.26	20.68	29.83	14.76	25.17	6.15	14.87	13.17	8.92	18.17					26.89
MdAPE (%)	39.33	15.41	12.18	5.61	16.26	26.89	15.38	27.24	3.22	17.61	7.84	4.98	23.69					23.66
RMSE	0.61	0.28	0.21	0.25	0.25	0.34	0.17	0.27	0.09	0.17	0.18	0.13	0.21					0.37
RMSE Naïve	0.05	0.11	0.25	0.42	0.33	0.16	0.13	0.19	0.10	0.12	0.10	0.08	0.10					0.30
<b>Fifteen years</b>																		
MPE (%)	(9.59)	2.54	26.56	31.40	35.61	15.33	31.93	10.93	(4.93)	(9.10)	(12.01)							23.94
MAPE (%)	12.88	16.76	27.05	31.78	35.61	20.41	34.17	12.76	11.88	12.50	14.59							34.91
MdAPE (%)	14.25	14.08	25.17	31.58	41.27	17.07	32.18	8.51	10.30	7.37	17.94							31.25
RMSE	0.24	0.24	0.39	0.37	0.40	0.23	0.36	0.15	0.14	0.17	0.18							0.39
RMSE Naïve	0.30	0.45	0.54	0.38	0.15	0.12	0.22	0.13	0.10	0.09	0.07							0.38
<b>Twenty years</b>																		
MPE (%)	(6.77)	9.91	41.60	37.00	44.53	20.62	32.23	7.54	(9.85)	(13.91)								23.44
MAPE (%)	12.21	20.57	41.96	37.28	44.53	24.43	33.92	12.46	15.06	16.46								37.78
MdAPE (%)	12.68	16.54	39.24	38.82	46.98	20.75	32.85	10.24	17.61	22.06								28.66
RMSE	0.22	0.27	0.54	0.42	0.47	0.26	0.35	0.15	0.18	0.20								0.43
RMSE Naïve	0.39	0.54	0.63	0.39	0.18	0.11	0.24	0.12	0.11	0.09								0.46

Note: Negative values are denoted in parenthesis.

Source: Population Projections Program, Population Division, US Census Bureau: May 2000

Internet Release Date: November 6, 2002